



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 03, 2004

PTAS

BEUSSE BROWNLEE WOLTER MORA & MAIRE, P.A.
JOHN L. DEANGELIS, JR., ESQ.
390 N. ORANGE AVE., SUITE 2500
ORLANDO, FL 32801



102649898A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/16/2004

REEL/FRAME: 014932/0970
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OLMER, LEONARD J.

DOC DATE: 10/27/2003

ASSIGNOR:

JONES, ROBERT F.

DOC DATE: 10/27/2003

ASSIGNOR:

BEVERS, WILLIAM D.

DOC DATE: 10/27/2003

ASSIGNOR:

MARTIN, JR., EDWARD P.

DOC DATE: 10/27/2003

ASSIGNEE:

AGERE SYSTEMS, INC.
1110 AMERICAN PARKWAY N.E.
ALLENTOWN, PENNSYLVANIA 18109

014932/0970 PAGE 2

SERIAL NUMBER: 10675575

FILING DATE: 09/30/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: IN-SITU REMOVAL OF SURFACE IMPURITIES PRIOR TO ARSENIC-DOPED
POLYSILICON DEPOSITION IN THE FABRICATION OF A HETEROJUNCTION
BIPOLAR TRANSISTOR

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

1/16/04
Form PTO-1595 (Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)
Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼

RE

01-21-2004



102649898

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Leonard J. Olmer
Robert F. Jones
William D. Bevers
Edward P. Martin, Jr.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: **October 27, 2003**

2. Name and address of receiving party(ies)

Name: **Agere Systems, Inc.**

Internal Address: _____

Street Address: **1110 American Parkway N.E.**

City: **Allentown** State: **PA** Zip: **18109**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/675,575

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **John L. DeAngelis, Jr., Esq.**

Internal Address: _____

Beusse Brownlee Wolter Mora & Maire, P.A.

Street Address: **390 N. Orange Ave., Suite 2500**

City: **Orlando** State: **FL** Zip: **32801**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....\$ **40.00**

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John L. DeAngelis, Jr.

Name of Person Signing

Signature

01/13/2004

Date

Total number of pages including cover sheet, attachments, and documents: **4**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

1/20/2004 ECDOPER 00000303 10675575

1 FC:8021

40.00 OP

ASSIGNMENT AND AGREEMENT

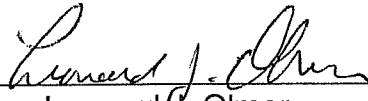
For value received, we, Leonard J. Olmer, of Orlando, in the County of Orange and State of Florida, Robert F. Jones, of Clermont, in the County of Lake and State of Florida, William D. Bever, of Orlando, in the County of Orange and State of Florida, and Edward P. Martin Jr., of Orlando, in the County of Orange and State of Florida, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 1110 American Parkway N.E., Allentown, Pennsylvania, 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **IN-SITU REMOVAL OF SURFACE IMPURITIES PRIOR TO ARSENIC-DOPED POLYSILICON DEPOSITION IN THE FABRICATION OF A HETEROJUNCTION BIPOLAR TRANSISTOR** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Leonard J. Olmer

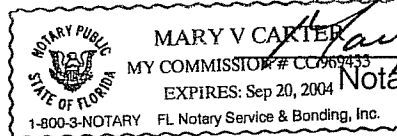
Date: 10/27/03

United States of America)

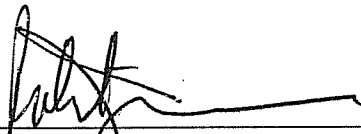
State of Florida) ss.:

County of Orange)

On this 27th day of October, 2003, before me personally came Leonard J. Olmer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public


Robert F. Jones

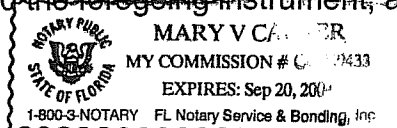
Date: 10/27/03

United States of America)

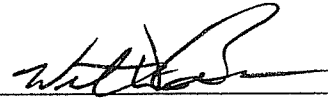
State of Florida) ss.:

County of Orange)

On this 27th day of October, 2003, before me personally came Robert F. Jones, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public



William D. Bevers

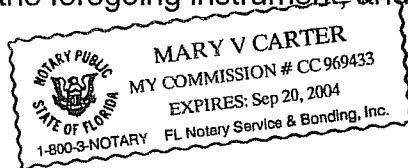
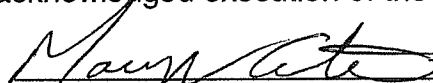
Date: 10/23/03

United States of America)

State of Florida) ss.:

County of Orange)

On this 23rd day of October, 2003, before me personally came William D. Bevers, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public
Date: 10/28/03

United States of America)

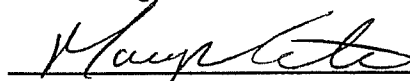
State of Florida) ss.:

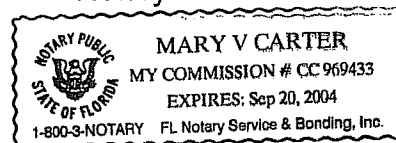
County of Orange)

On this 28th day of October, 2003, before me personally came Edward P. Martin, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Edward P. Martin, Jr.



Notary Public


Agere Systems Inc.
1110 American Parkway N.E.
Allentown, PA 18109